

National Transportation Safety Board
Washington, DC 20594

Brief of Accident

Adopted 06/02/1992

DEN90FA068		02/27/1990		DENVER, CO		Aircraft Reg No. N820FE		Time (Local): 19:47 MST	
File No. 1679									
Make/Model: CESSNA / 208A		Engine Make/Model: P&W / PT6A-114		Aircraft Damage: Destroyed		Number of Engines: 1			
Operating Certificate(s): On-demand Air Taxi		Name of Carrier: P. M. AIR, INC.		Type of Flight Operation: Non-scheduled; Domestic; Cargo		Reg. Flight Conducted Under: Part 135: Air Taxi & Commuter			
Last Depart. Point: ASPEN , CO		Destination: Same as Accident/Incident Location		Airport Proximity: Off Airport/Airstrip		Condition of Light: Night/Dark		Weather Info Src: Weather Observation Facility	
						Basic Weather: Instrument Conditions		Lowest Ceiling: 1000 Ft. AGL, Broken	
						Visibility: 4.00 SM		Wind Dir/Speed: 030 / 011 Kts	
						Temperature (°C): -2		Obstr to Vision: Blowing Snow; Ground Fog	
						Precipitation: Snow Shower; Freezing Drizzle			
Pilot-in-Command		Age: 53				Flight Time (Hours)			
Certificate(s)/Rating(s)		Airline Transport; Commercial; Multi-engine Land; Single-engine Land; Helicopter				Total All Aircraft: 3800		Last 90 Days: 70	
Instrument Ratings		Airplane; Helicopter				Total Make/Model: 70		Total Instrument Time: 300	

THE CESSNA 208A WAS ON AN IFR FLT TO HAUL FREIGHT FROM ASPEN TO DENVER, COLORADO. MODERATE TO HEAVY ICING CONDITIONS WERE FORECAST FOR THE DENVER AREA. WHILE ON AN ILS RWY 36 APCH, THE ACFT ENCOUNTERED ICING CONDITIONS. SUBSEQUENTLY, IT ENTERED A STEEP DESCENT & CRASHED ABOUT 3 MI FROM THE APCH END OF THE RWY. NO PREIMPACT PART FAILURE OF THE ACFT WAS FOUND DURING THE INVESTIGATION. THE 1950 MST WX AT THE ARPT WAS IN PART: 800' SCATTERED, 1000' BROKEN, VIS 4 MI WITH FREZZING DRIZZLE & SNOW SHOWERS, TEMP 28 DEG, DEW POINT 25 DEG.

Brief of Accident (Continued)

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Time (Local): 19:47 MST

Occurrence #1: IN FLIGHT ENCOUNTER WITH WEATHER

Phase of Operation: APPROACH - FAF/OUTER MARKER TO THRESHOLD (IFR)

Findings

1. LIGHT CONDITION - DARK NIGHT
 2. WEATHER CONDITION - LOW CEILING
 3. (F) WEATHER CONDITION - DRIZZLE/MIST
 4. (F) WEATHER CONDITION - SNOW
 5. (F) WEATHER CONDITION - ICING CONDITIONS
 6. (C) WING - ICE
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Occurrence #2: LOSS OF CONTROL - IN FLIGHT

Phase of Operation: APPROACH - FAF/OUTER MARKER TO THRESHOLD (IFR)

Findings

7. (C) STALL - INADVERTENT
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Occurrence #3: IN FLIGHT COLLISION WITH TERRAIN/WATER

Phase of Operation: DESCENT - UNCONTROLLED

Findings Legend: (C) = Cause, (F) = Factor

The National Transportation Safety Board determines the probable cause(s) of this accident as follows.

THE ACCUMULATION OF STRUCTURAL ICE AND SUBSEQUENT STALLING OF THE AIRCRAFT. THE ICING CONDITION WAS A RELATED FACTOR.